

REMARKS

This patent application presently includes Claims 1-6, of which Claims 1 and 2 are withdrawn as not directed to an elected invention and Claims 3-6 are rejected. A substitute specification is submitted, Claim 3 is amended to define the applicants' invention more clearly, and all rejections are respectfully traversed.

The examiner objected to the existing drawings, because Figs. 1-7 have not been indicated as "Prior Art." Under separate cover, the undersigned is submitting new formal drawings for Figs. 1-7 which so indicate those figures. It is respectfully requested that these amended drawings be entered.

The examiner objected to the specification for being replete with terms that are clear, concise and exact. Submitted herewith is a substitute specification which has been amended with an eye towards improving the language beyond the translation which was submitted. It is believed that this amended version of the specification is clear, concise and exact. Accordingly, this objection should now be withdrawn.

Claim 3 was objected to owing the presence of "file" at Line 5. This was clearly a typographical error and has now been amended to "field", as suggested by the examiner. This objection should now be withdrawn. Claims 3-6 were rejected as obvious over Togane et al., U.S. Patent No. 5,138,290 in view of Milili, U.S. Patent No. 5,121,028. This rejection is respectfully traversed. Neither Togane, nor Milili nor the combination thereof renders the present claims obvious.

The examiner cites Togane for the disclosure of the basic structure of the deflection yoke, but admits that Togane does not disclose a coiling adjustment groove. He cites Milili for the disclosure of such a groove and concludes that it would have been obvious to use the design of Milili and Togane.

However, he does not offer the slightest motivation for doing so, instead, it is clear that he has merely used the disclosure of the present application to arbitrarily select features from the cited references to make the rejection. Apparently, the examiner has overlooked the requirement that for references to be combined, "there must be some reason, suggestion or motivation found in the prior art whereby a person of ordinary skill in the field of the invention would make the combination. That knowledge cannot come from the applicants invention itself." In Re Oetiker, 24 U.S.P.Q. 2d 1443 (Fed. Cir. 1992). "The mere fact that the prior art may be modified in the manner suggested by the examiner does not make the modification obvious unless the prior art suggested the desirability of the modification." In re Fritch, 23 U.S.P.Q. 2nd 1780, 1783 (Fed Cir. 1992). Nevertheless, as explained below, even this far fetch combination does not render the present claims obvious.

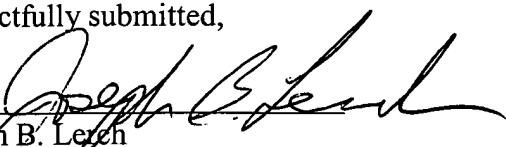
Milili discloses that a space or tab be inserted between windings of the coil so as to separate them in a radial direction causing prodding of the coils above and below the space. In contrast, and in accordance with the present invention, the groove is placed in the coil on its exterior surface, which compresses the windings inwardly. Not only is this easier to achieve than embedding a space or a tab, but the groove provides a much more precise form of crowding and results in the electric field being modified inside the deflection yoke along the direction of the groove (crosswise to a front-to-rear direction). The resulting correction for misconvergence is of a different type than in Milili. Thus, the structure and result of the present invention are both different from Milili. Accordingly, Claim 3 is not obvious over Togane in view of Milili.

Claims 4-6 depend from Claim 3 and are allowable based upon their dependence from an allowable claim.

Applicant's attorney has made every effort to place this patent application in condition for allowance. It is therefore earnestly requested that the application, as a whole, receive favorable reconsideration and that all of the claims be allowed as presently constituted. Should there remain any unanswered questions, the examiner is requested to call the applicant's undersigned attorney at the telephone number given below.

Dated:

Respectfully submitted,

By 

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